



Implementation of the IFIP Digital Library in the HAL open publication repository

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Implementation of the IFIP Digital Library in the HAL open publication repository

<https://hal.inria.fr/IFIP>

Contact: ifip-dl@inria.fr

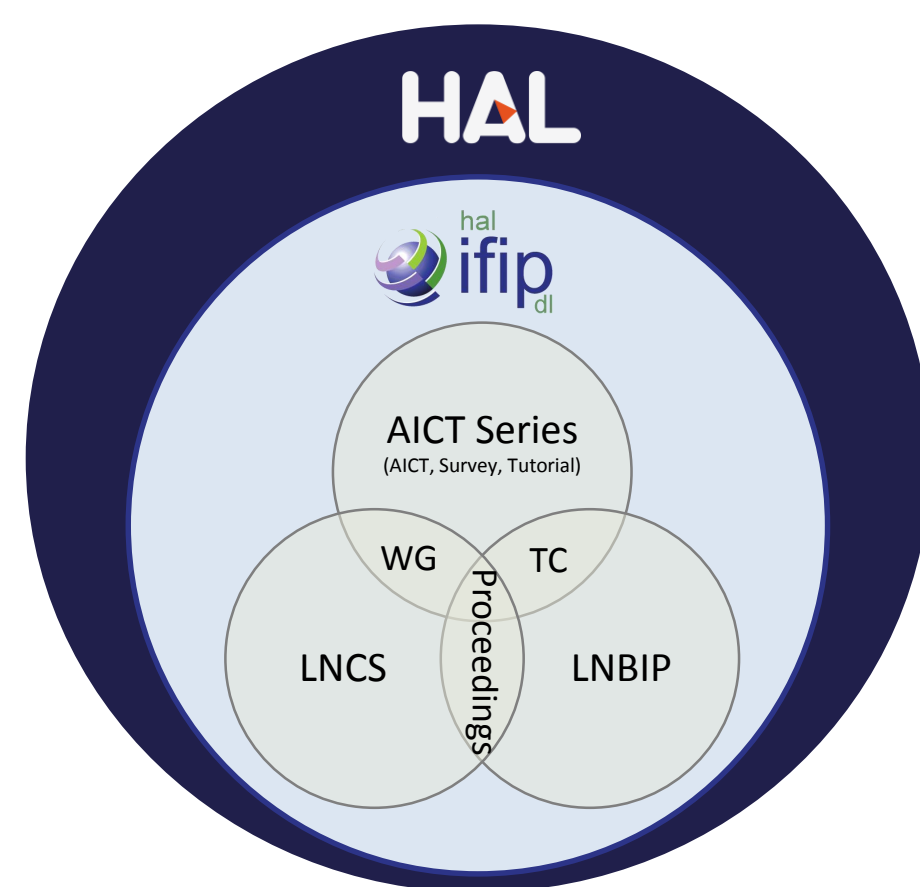
BACKGROUND

The International Federation for Information Processing (IFIP) is a non-governmental and non-for-profit umbrella organization of national societies working in the field of information processing. It was founded in 1960 under the auspices of UNESCO. Its Digital Library (DL) comprises more than 30 000 documents (conference proceedings, workshops, tutorials, surveys...), most of which have been published as volumes with Springer. In 2014, IFIP settled an agreement with Inria, the French National Research Institute for computer science and applied mathematics, to migrate the existing content to the HAL open publication repository and maintain it there in the long run.

HAL IFIP COLLECTIONS

A collection is a personalized browsing environment associated to specific groups of publications and linked to a persistent URL.

The IFIP Open DL consists of a main collection for all documents and sub-collections by series, volumes, technical committee (TC) and working groups (WG). Each deposit is added to one or more sub-collections.



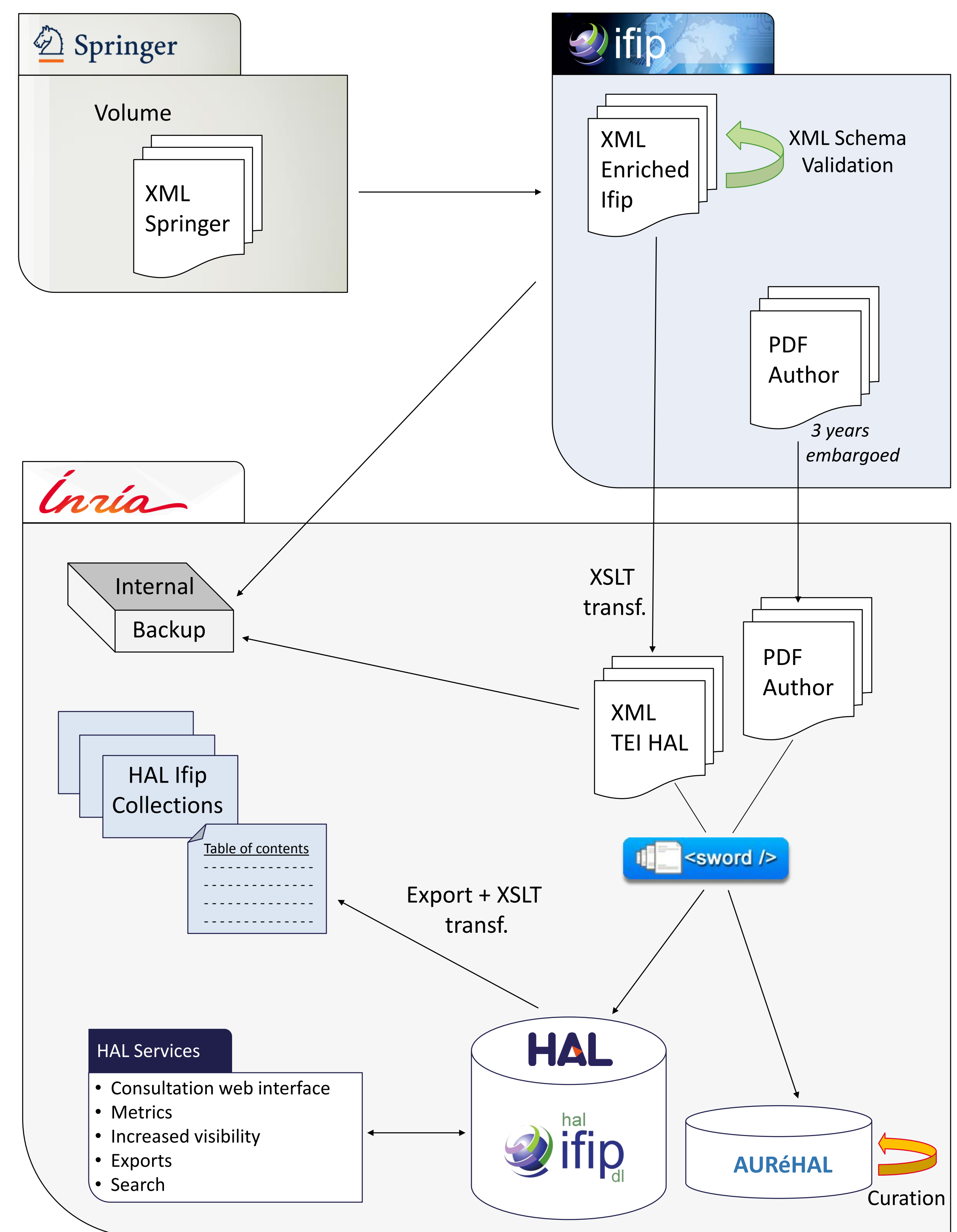
The advanced search facility allows one to query all meta-data fields as well as the full-texts of the DL.

Each volume is associated to a table of contents. The links on article titles provide access to the document entry in HAL together with the full-text when available (non-embargoed).

Documents can be reached in several ways:

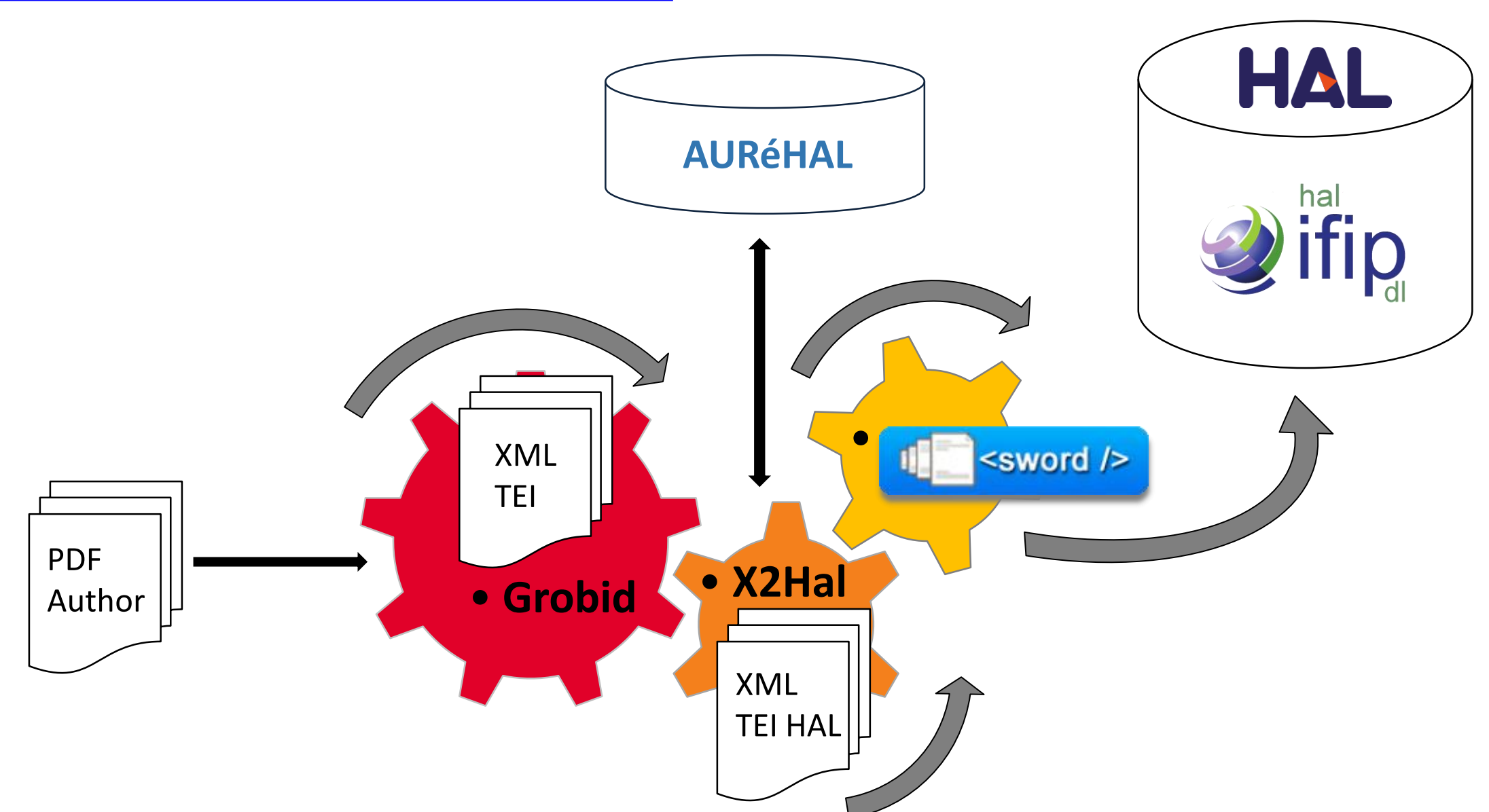
- Browse by author, year, author affiliation, TC and WG
- By conference titles
- By the series collections: AICT, AICT Survey, AICT Tutorial, LNBIP, LNCS

DATA PROCESSING WORKFLOW



PERSPECTIVE

Generation of Bibliographical Data (Grobid) combined with X2Hal service: a way in progress to the automatic extraction of meta-data from PDF files and connect the author affiliations to the central authorities service AuréHAL: <https://aurehal.archives-ouvertes.fr>



REFERENCES

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- Grobid: <https://github.com/kermitt2/grobid>
- CAPELLI Laurent, FARHI Laurence, ROMARY Laurent, "A TEI conformant pivot format for the HAL back-office" (Poster): <https://hal.inria.fr/hal-01221774v1>
- ROMARY Laurent, ARMBRUSTER Chris, "Beyond institutional repositories", in *International Journal of Digital Library Systems*, 01-2010, p. 44-6: <https://hal.archives-ouvertes.fr/hal-00399881>